FIG. 1

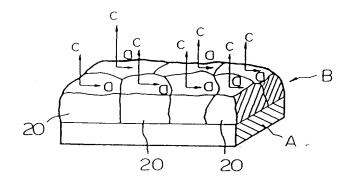


FIG. 2

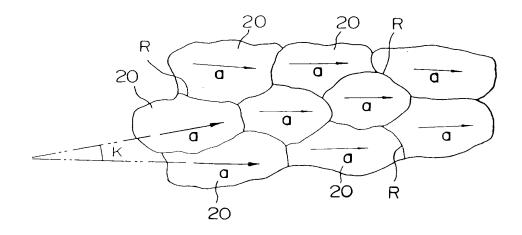


FIG. 3

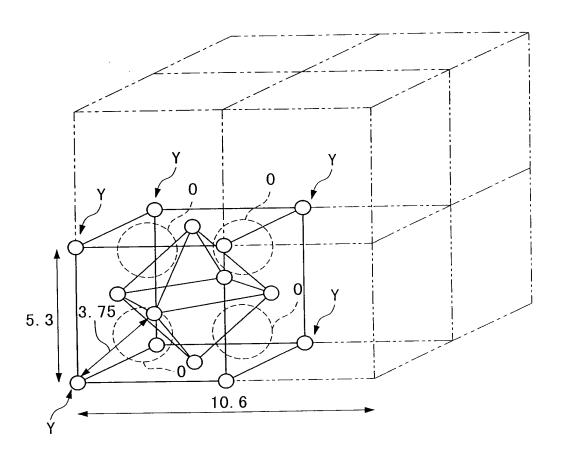
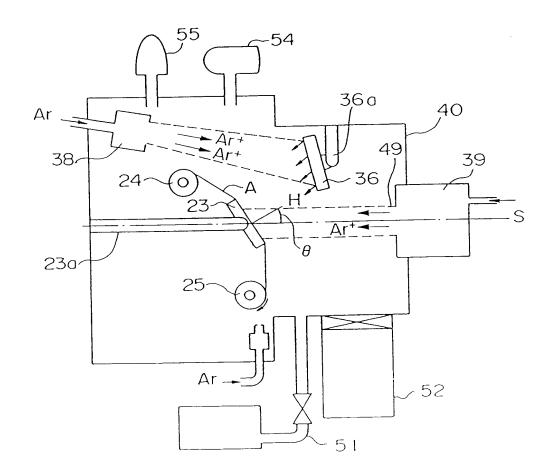


FIG. 4



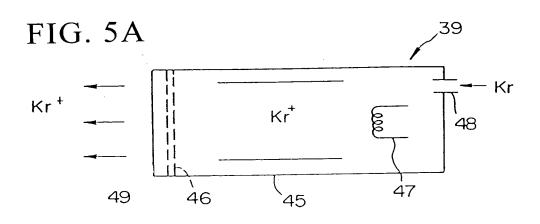


FIG. 5B

NORMAL DIRECTION OF SUBSTRATE <100> AXIS

INCIDENT DIRECTION OF BEAM <111> AXIS

54.7°

(010) AXIS

<001> AXIS

Ο

FIG. 6

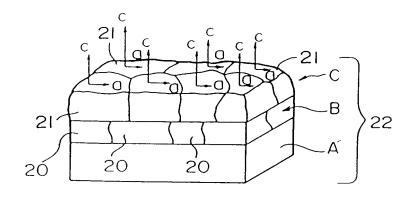
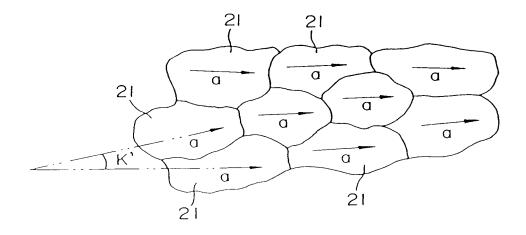


FIG. 7



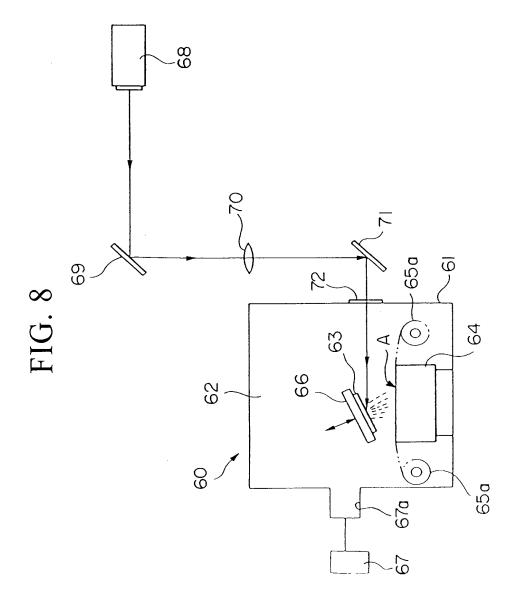


FIG. 9

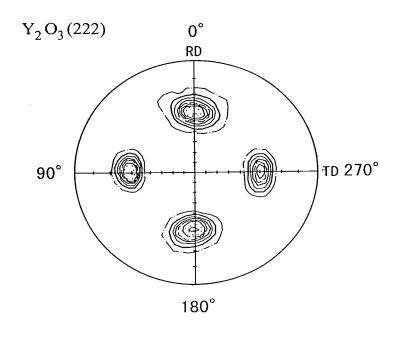


FIG. 10

Y2O3(400)

Y2O3(400)

TEMPERATURE (°C)

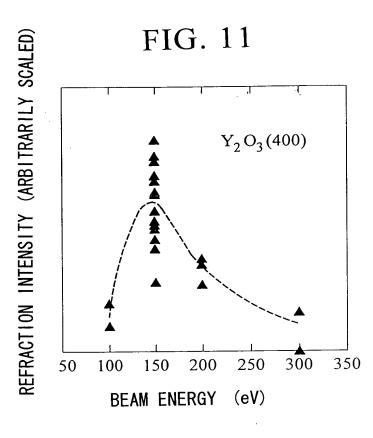
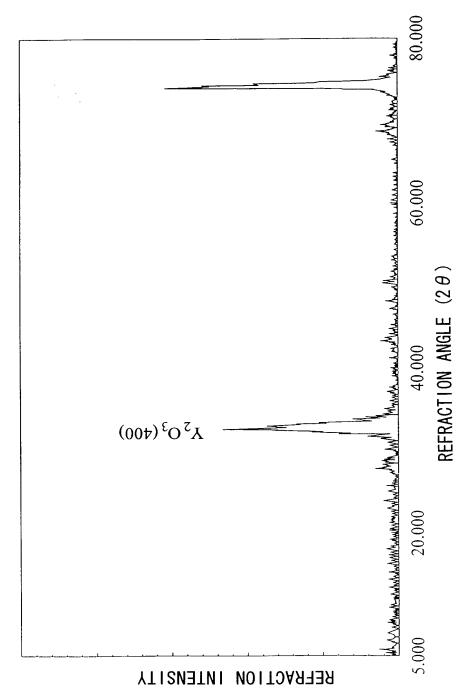


FIG. 12



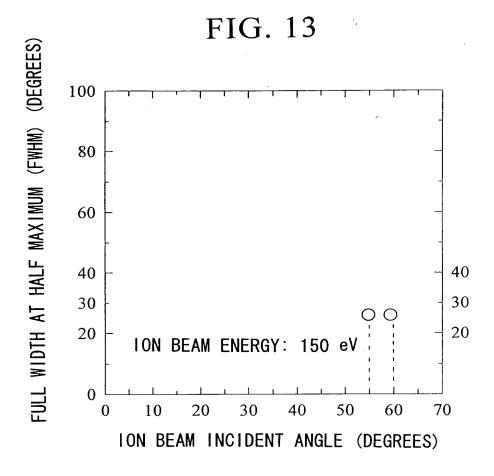


FIG. 14

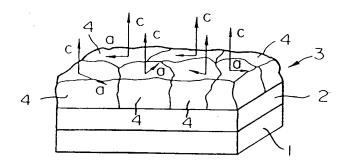


FIG. 15

